

Moplen EP548P

PP

LyondellBasell Industries

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-------|-------------------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 16 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 1400 | MPa | ISO 527 |
| Yield stress | 28 | MPa | ISO 527 |
| Yield strain | 7 | % | ISO 527 |
| Strain at break | >50 | % | ISO 527 |
| Charpy notched impact strength, +23°C | 8 | kJ/m ² | ISO 179/1eA |
| Ball indentation hardness | 69 | MPa | ISO 2039-1 |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 0.45 MPa | 100 | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 147 | °C | ISO 306 |
| Vicat softening temperature, B | 70 | °C | ISO 306 |
| Other properties | | | |
| Density | 900 | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Injection Molding

Special Characteristics

Anti-static, Opaque

Features

Nucleated, Copolymer, Impact Copolymer

Applications

Packaging

Regional Availability

Europe, Near East/Africa